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	Application No.	Applicant(s)	
	10/697,357	LAKSHMANAN ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Nghia M. Doan	2825	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.3131.   This communication is responsive to Application filed on 1.  The allowed claim(s) is/are 1, 3-8, and 10-14, wherein class.	(OR REMAINS) CLOSED in the or other appropriate communication is substantial and MPEP 1308.  O/29/2003 and Applicant Amne	cation will be mailed in due cours ject to withdrawal from issue at teded filed on 04/11/2006.	
renumbered as 2-12  3. ☐ Acknowledgment is made of a claim for foreign priority u			
a) ☐ All b) ☐ Some* c) ☐ None of the:	•,		
1. Certified copies of the priority documents have	e been received.		
2 Certified copies of the priority documents have	e been received in Application	No	
3.  Copies of the certified copies of the priority documents have been received in this national stage application from the			
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON'THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4.   A SUBSTITUTE OATH OR DECLARATION must be submit to b	MEN I of this application.  nitted. Note the attached EXAN	MINER'S AMENDMENT or NOTIC	
INFORMAL PATENT APPLICATION (PTO-152) which give		ecolaration to denote	
5. CORRECTED DRAWINGS (as "replacement sheets") mu	ist be submitted.	(DTO 049) ottochod	
(a) including changes required by the Notice of Draftsper	rson's Patent Drawing Review (	(P10-946) allached	
1) hereto or 2) to Paper No./Mail Date	 de Amondmont / Commont or is	n the Office action of	
(b) ⊠ including changes required by the attached Examiner Paper No./Mail Date 20060601.			k) of
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	the header according to at a		
6. DEPOSIT OF and/or INFORMATION about the department department regarding REQUIREMENT	OSIT OF BIOLOGICAL MATER FOR THE DEPOSIT OF BIOL	RIAL must be submitted. Note LOGICAL MATERIAL.	the
Attachment(s)  1. ☑ Notice of References Cited (PTO-892)  2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB Paper No./Mail Date  4. ☐ Examiner's Comment Regarding Requirement for Deposit	) 6. ⊠ Interview Sur Paper No./M /08), 7. ⊠ Examiner's A	ormal Patent Application (PTO-15 mmary (PTO-413), Mail Date <u>20060601</u> . Amendment/Comment Statement of Reasons for Allowar	
of Biological Material	9. ⊠ Other <u>See C</u>		

Continuation Sheet (PTOL-37)

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Continuation of Attachment(s) 9. Other: 1 drawing sheet containing Fig. 3.

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### **DETAILED ACTION**

1. Responsive to communication application 10/697,357 filed on 10/29/2003, claims 1, 3- 8, and 10-14 are pending.

Claims 1, 3, 8 and 10 have been amended.

Claims 2 and 9 have been canceled.

## **Drawings**

- 2. The drawings were received on 04/11/06. These drawings are approved by the examiner.
- 3. The proposed drawing correction filed on 06/01/2006 have been approved by the examiner (see attached drawing). A new formal drawing is now required. In order to avoid abandonment of this application, correction is required in reply to the Office action. The correction will not be held in abeyance.

# Specification

4. The new Abstract filed on 4/11/2006 has been accepted

#### **EXAMINER'S AMENDMENT**

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Peter Scott Reg. No. 33, 279 conducted on 06/06/2006 for the claims correction as the following:

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As per claim 10, line 1, before "further" inserts "wherein the steps".

As per claim 11, line 1, before "further" inserts "wherein the steps".

## Allowable Subject Matter

- 6. Claims 1, 3-8, and 10-14 are allowed.
- 7. The following is an examiner's statement of reasons for allowance: see in the previous communication mailed on 3/9/2006.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nghia M. Doan whose telephone number is 571-272-5973. The examiner can normally be reached on 8:30-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Chiang can be reached on 571-272-7483. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nghia M. Doan Patent Examiner AU 2825 NMD Pholloc ALL PHALLAKA KIK PRIMARY EXAMINER ART UNIT 2825

300 START RECEIVE AS INPUT A REPRESENTATION OF AN INTEGRATED CIRCUIT DESIGN HAVING A NUMBER OF PHYSICAL DESIGN LAYERS 306 RECEIVED AS INPUT A COMPOSITE RUN DECK SPECIFYING RULE CHECKS TO BE PERFORMED ON THE INTEGRATED CIRCUIT DESIGN PARTITION THE COMPOSITE RUN DECK TO CREATE THE PARTITIONED RUN DECKS SO THAT THE NUMBER OF PHYSICAL DESIGN LAYERS REFERENCED BY EACH OF THE PARTITIONED RUN DECKS IS A MINIMUM 310 PARSE THE REPRESENTATION OF THE INTEGRATED CIRCUIT DESIGN TO FILTER ONLY THE PHYSICAL DESIGN LAYERS REQUIRED FOR EACH OF THE PARTITIONED RUN DECKS TO CREATE A FILTERED DATA DECK FOR EACH OF THE PARTITIONED RUN DECKS GENERATE AS OUTPUT THE FILTERED DATA DECK FOR EACH OF THE PARTITIONED RUN DECKS DETERMINE A MEMORY SIZE REQUIRED TO RUN EACH FILTERED DATA DECK ON A PHYSICAL DESIGN VERIFICATION PROCESSOR FROM THE FILTERED DATA DECK FOR EACH OF THE PARTITIONED RUN DECKS 316 ASSIGN EACH DETERMINE A MEMORY SIZE REQUIRED TO RUN EACH FILTERED DATA DECK FILTERED DATA DECK ON A PHYSICAL DESIGN VERIFICATION PROCESSOR FROM THE FILTERED DATA TO A SEPARATE DECK FOR EACH OF THE PARTITIONED RUN DECKS PROCESSOR QUEUE ACCORDING TO PERFORM A PHYSICAL DESIGN VERIFICATION FOR EACH MEMORY SIZE FILTERED DATA DECK IN PARALLEL ON EACH SEPARATE PHYSICAL DESIGN VERIFICATION PROCESSOR END

FIG.\_3

Path. C.

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